



Dean, Ouisha &lt;ouisha.dean@solvay.com&gt;

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**Fwd: Boiler BACT & Coen**

1 message

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**Rodger Steen** <rgsteen@airsci.com>  
To: Ouisha Toenyes <ouisha.toenyes@solvay.com>

Thu, Mar 29, 2012 at 12:28 PM

Ouisha, I meant to copy you on this.

Rodger

Begin forwarded message:

**From:** Rodger Steen <rsteen@airsci.com>  
**Date:** March 29, 2012 11:58:23 AM MDT  
**To:** Tim Brown <tim.brown@solvay.com>  
**Cc:** Tim Martin <tmartin@airsci.com>  
**Subject:** Boiler BACT & Coen

Tim, I discussed the boiler BACT with Wayne Wiesczyk and we decided to work with three boiler scenarios:

- 1) all current equipment and a NOx emission rate of 30 ppm
- 2) new ultra-low NOx burner only for an emission rate of 15 ppm
- 3) new ultra-low NOx burner and upgraded FGR system (fan) for an emission rate of 9 ppm

Wayne will be providing you (Mike) with costs for the equipment for options 2 and 3 by early next week. If you can turn these around to us, we can get the Boiler NOx BACT completed. We will also need to develop an estimate for the labor / contractor to install those 2 options, which we may be able to extract from generic info.

Given what Wayne told me, there is little chance that Wyoming will allow the use of option 1. And we will need to develop the incremental costs of going from 1 to option 2, then from option 2 to option 3.

Rodger

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**RODGER STEEN**

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